



ABSTRACT

A dishwasher having a dishwasher is provided in which an intake port cover for closing a steam intake port is mechanically operated. The dishwasher has a cavity enclosed in part by a door, and a fan motor which drives a fan installed at an upper portion of the door. During a drying operation, the fan generates a suction force to draw steam from the cavity through an intake port of the fan housing and out through an exhaust port. An intake port cover is movably installed with respect to the intake port so as to open and close the steam intake port based on an operation mode of the fan. The intake port cover has a central shaft coupled to a rotational shaft of the fan such that a driving force generated by the fan as it rotates is transferred to the intake port cover so as to selectively open and close the steam intake port. The steam intake port is open during a drying operation, and is closed during a washing and rinsing operations.